

IN THE CLAIMS:

1. (currently amended) A blade cooling arrangement comprising a blade tip including a coolant gallery ~~in use upstream of~~ and flow entrainment ~~means,~~ the coolant gallery being in use upstream of said flow entrainment fins, ~~means,~~ the gallery including release passages to release coolant ~~in use~~ close to the blade tip surface ~~whilst the flow entrainment means entrains that released coolant to facilitate flow isolation from turbulent air created by a shroud or leading edge of the blade tip~~ , wherein said flow entrainment fins are so configured and arranged as to create flow channels along which said coolant is entrained and driven thereby to create a layer strata that is isolated from turbulent air created by a shroud or leading edge of the blade tip.
2. (original) An arrangement as claimed in claim 1 wherein the gallery includes a cavity from which the release passages extend.
3. (original) An arrangement as claimed in claim 1 wherein the release passages extend laterally towards the flow entrainment means.
4. (currently amended) An arrangement as claimed in claim 1, wherein the release passages have a ~~slight~~ downward inclination towards the flow entrainment means and in use project the coolant flow in that ~~slight~~ downward inclination.
5. (original) An arrangement as claimed in claim 1 wherein the flow entrainment means comprises upstanding fins to form channels for entrainment of the coolant flow.
6. (original) An arrangement as claimed in claim 5 wherein the fins extend above the height of the release passages.
7. (original) An arrangement as claimed in claim 5 wherein the fins are substantially perpendicular to the blade tip surface.
8. (previously amended) An arrangement as claimed in claim 5 wherein each fin has substantially the same height.
- Claim 9 is cancelled.
10. (original) An arrangement as claimed in claim 5 wherein the fins provide

additional contact surface area for enhanced heat transfer to the coolant air flow.

11. (original) An arrangement as claimed in any claim 1 wherein the flow entrainment means define channels through which the coolant flow is driven in use by rotation of the blade tip.

Claim 12 is cancelled.